PTO/SB/64 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.					
	FOR REVIVAL OF AN APPLICATION FOR ED UNINTENTIONALLY UNDER 37 CFR 1		Docket Number (Optional) YOR920030201US1		
First named in	ventor: Mukund Raghavachari				
Application No	D.: 10/752,624	Art Unit: 2163			
Filed: January 7	, 2004	Examiner: Angel			
Title: STREAMI	NG MECHANISMS FOR EFFICIENT SEARCHING OF A TREE RE	ELATIVE TO A LOCA	ATION IN THE TREE		
Mail Stop Per Commissione	r for Patents				
P.O. Box 145 Alexandria, V. FAX (571) 27	A 22313-1450				
NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.					
The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.					
APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION					
1	AOTE: A grantable petition requires the following item  (1) Petition fee; (2) Reply and/or issue fee; (3) Terminal disclaimer with disclaimer fee - re filed before June 8, 1995; and for all design  (4) Statement that the entire delay was uninter	equired for all util n applications; a	ity and plant applications nd		
1.Petition fee Small entity-fee (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.					
✓ Other	than small entity – fee \$ 1500.00 (37 CFR 1.1	7(m))			
2. Reply and/ A.	or fee The reply and/or fee to the above-noted Office action the form of	in(iden	tify type of reply):		
	has been filed previously onis enclosed herewith.				
В.	The issue fee and publication fee (if applicable) of \$ has been paid previously on is enclosed herewith.				

This collection of information is required by 37 CFR 1.137(b). The information is required by 37 CFR 1.137(b). The information is required by 37 CFR 1.137(b). The information is required by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14 this collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14. This collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14 this collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14 this collection is extended to alter 1.0 most by 38 CFR 1.13 and 1.14 this collection is extended to alter FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTOSBe4 (09-06)
Approved for use through 03/31/2007. OND 063-3010
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid Outs control number.

3. Terminal disclaimer with disclaimer fee

Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.   A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ for a small entity or \$ for ther than a small entity) disclaiming the required period of time is enclosed herewith (see PTOSB/63). 4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]   WARNING:	3. Terrima discialifici with discialifici fee						
for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/83).  4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 GFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 GFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (OD).)]  WARNING:  Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card unbrotration form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CPR 1.13(a) is made in the application is suand of the application unless a non-publication or an issued patent (see 37 CPR 1.14). Checks and credit and unbrotration forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicity available.  **Michael J. Buchenhorner** Typed or printed name  **8540 SW 83 Street**  **Address**  Enclosures: Fee Payment    Reply	Since this utility/plant application was filed on or after June 8, 19	95, no terminal disclaimer is required.					
4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]  WARNING:  Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CPR 1.13(a) is made in the application is suance of a patent. Furthermore, the record from an abandoned application may also be available to the public after publication of an issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an insurance and advised that the record of a patent application in a validable of the public of the application or an insurance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application in States.  **Michael J. Buchenhomer**  Typed or printed name  **B540 SW 83 Street**  **Address**  **Enclosures:**  February 22. 2007  Telephone Number  **Michael J. Buchenhomer**  Typed or printed name  **B640 SW 83 Street**  **Address**  **Enclosures:**  February 22. 2007  Telephone Number  **Address**  **Enclosures:*	for other than a small entity) disclaiming the required period of tir						
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that my contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required to the USPTO, petitioners/applicants should consider redacting such personal information is included in documents submitted to the USPTO, petitioners/applicants abould consider redacting such personal information from the documents before submitting them the USPTO, petitioners/applicant is advised that the record of a patent application is available to the public publication of the application (unless a non-publication request in compliance with 37 CFR 1.131(a) is made in the application of the application (unless a non-publication request in compliance with 37 CFR 1.131(a) is made in the application of a patent application and a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.    Michael J. Buchenhorner	4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (IIII)(C) and (D)).]						
contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card unbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CPR 1.13(a) is made in the application is referenced in a published application or an issuad patent (see 37 CPR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicity available.    Typed or printed name		ocumente filed in a natent application that may					
Michael J. Buchenhorner Typed or printed name  8540 SW 83 Street  8540 SW 83 Street  Address  Address  Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.	contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card unthers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, bettioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (niness a non-publication request in compliance with 37 CPR 1.13(a) is made in the application is suspensed a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CPR 1.14). Checks and credit card authorization froms PTO-						
Michael J. Buchenhorner Typed or printed name  8540 SW 83 Street  8540 SW 83 Street  Address  Address  Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.	mid A Alsaha hour	February 22, 2007					
Michael J. Buchenhorner Typed or printed name  8540 SW 83 Street  8540 SW 83 Street  Address  Address  Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.	Signature						
Typed or printed name  8540 SW 83 Street  Address  Address  Enclosures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.	•	<del></del>					
8540 SW 83 Street 305 273-8007  Address Telephone Number  Miami, FL 33143 Address  Enclosures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patients, P. O. Box 1450, Alexandria, VA 22313-1450. I ransmitted by facisimile on the date shown below to the United States Patent and Trademark							
Address    Miami, FL 33143   Address	Typed or printed name	Registration Number, if applicable					
Address    Miami, FL 33143   Address	8540 SW 83 Street	305 273-8007					
Miami, FL 33143 Address  Enclosures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patients, P. O. Box 1450, Alexandria, VA 22313-1450.  I ransmitted by facsimile on the date shown below to the United States Patent and Trademark							
Address  Enclosures: Fee Payment  Reply  Terminal Disclaimer Form  Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark		roophore					
Enclosures: Fee Payment Reply Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.							
Terminal Disclaimer Form Additional sheets containing statements establishing unintentional delay Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)] I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark							
Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark	Reply						
Additional sheets containing statements establishing unintentional delay  Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark	Terminal Disclaimer Form						
Other:  CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being: Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Mexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark	Terminal Disclaimer Form	i erminai Disclaimer Form					
CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]  I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark	Additional sheets containing statements establishing unintentional delay						
I hereby certify that this correspondence is being:  Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.  Transmitted by facsimile on the date shown below to the United States Patent and Trademark	Other:						
	I hereby certify that this correspondence is being:    Deposited with the United States Postal Service on the dapostage as first class mail in an envelope addressed to: M Patents, P. O. Box 1450. Alexandria, VA 22313-1450.	ite shown below with sufficient lail Stop Petition, Commissioner for United States Patent and Trademark					